AMENDMENTS TO THE CLAIMS

Please cancel claims 5 and 19 without prejudice or disclaimer.

The listing of claims will replace all prior versions, and listings, of claims in the application

Listings of Claims:

1. (Currently Amended) A dielectric barrier discharge-driven light source comprising:

a first flat panel and second flat panel dielectric barriers which enclose a gas, said first flat panel dielectric barrier substantially parallel with said second flat panel dielectric barrier and having length and width dimensions substantially greater than a distance between said first and second flat panel dielectric barriers;

a first electrode coupled to an outside portion of said first flat panel dielectric barrier and a second electrode coupled to said second flat panel dielectric barrier; and

a plurality of ~~one or more~~ stems disposed equidistantly from each other between said first and second flat panel dielectric barriers ~~and coupled to said first and second flat panel dielectric barriers via transfer foil technology~~.

2. (Previously Canceled).

3. (Previously Amended) The light source of claim 1 where said first and second flat panel dielectric barriers have a circular shape.

4. (Original) The light source of claim 1 wherein said stems are comprised of quartz.

5. (Cancelled).

6. (Original) The light source of claim 1 wherein said second electrode is a mesh.

7. (Previously Amended) The light source of claim 1 wherein said first and second flat panel dielectric barriers are comprised of silica.

8. (Previously Cancelled).

9. (Previously Cancelled).

10. (Previously Cancelled).

11. (Previously Cancelled).

12. (Previously Cancelled).

13. (Previously Cancelled).

14. (Previously Cancelled).

15. (Previously Cancelled).

16. (Previously Cancelled).

17. (Currently Amended) A dielectric barrier discharge-driven light source comprising:

a first flat panel and second flat panel dielectric barriers which enclose a gas, said first flat panel dielectric barrier substantially parallel with said second flat panel dielectric barrier;

a first electrode positioned on an outside surface of said first flat panel dielectric barrier such that said first electrode is positioned in a plane substantially parallel to said first flat panel dielectric barrier;

a second electrode positioned on an outside surface of said second flat panel dielectric barrier such that said second electrode is positioned in a plane substantially parallel to said second flat panel dielectric barrier; and

a plurality of ~~one or more~~ support stems disposed between said first and second flat panel dielectric barriers such that a distance between a combination of two of said support stems is equal to a distance between a different combination of two of said support stems ~~and coupled to said first and second flat panel dielectric barriers~~.

18. (Previously presented) The light source of claim 17, wherein said stems are arranged to resist stresses placed on said first and second flat panel dielectric barriers when a pressure between said first and second flat panel dielectric barriers is other than atmospheric gas pressure.

19. (Canceled).

20. (New) The light source of claim 17, wherein each support stem is equidistant to at least two other support stems.

21. (New) The light source of claim 1, wherein each support stem is equidistant to at least two other support stems.

22. (New) The light source of claim 1, wherein a distance between a combination of two of said support stems is equal to a distance between a different combination of two of said support stems.

23. (New) A dielectric barrier discharge-driven light source comprising:

a first flat panel and second flat panel dielectric barriers which enclose a gas, said first flat panel dielectric barrier substantially parallel with said second flat panel dielectric barrier;

a first electrode positioned on an outside surface of said first flat panel dielectric barrier such that said first electrode is positioned in a plane substantially parallel to said first flat panel dielectric barrier;

a second electrode positioned on an outside surface of said second flat panel dielectric barrier such that said second electrode is positioned in a plane substantially parallel to said second flat panel dielectric barrier; and

at least one support stem disposed between said first and second flat panel dielectric barriers such that said at least one support stem is fixed to only one of said first and second flat panel dielectric barriers.

24. (New) The light source of claim 23, wherein said at least one support stem is not fixed to the other one of said first and second flat panel dielectric barriers.